

FIG. 1 : EXAMPLE OF AN ARRANGEMENT FOR
IN-SITU VALIDATION OF SECURITY LABEL

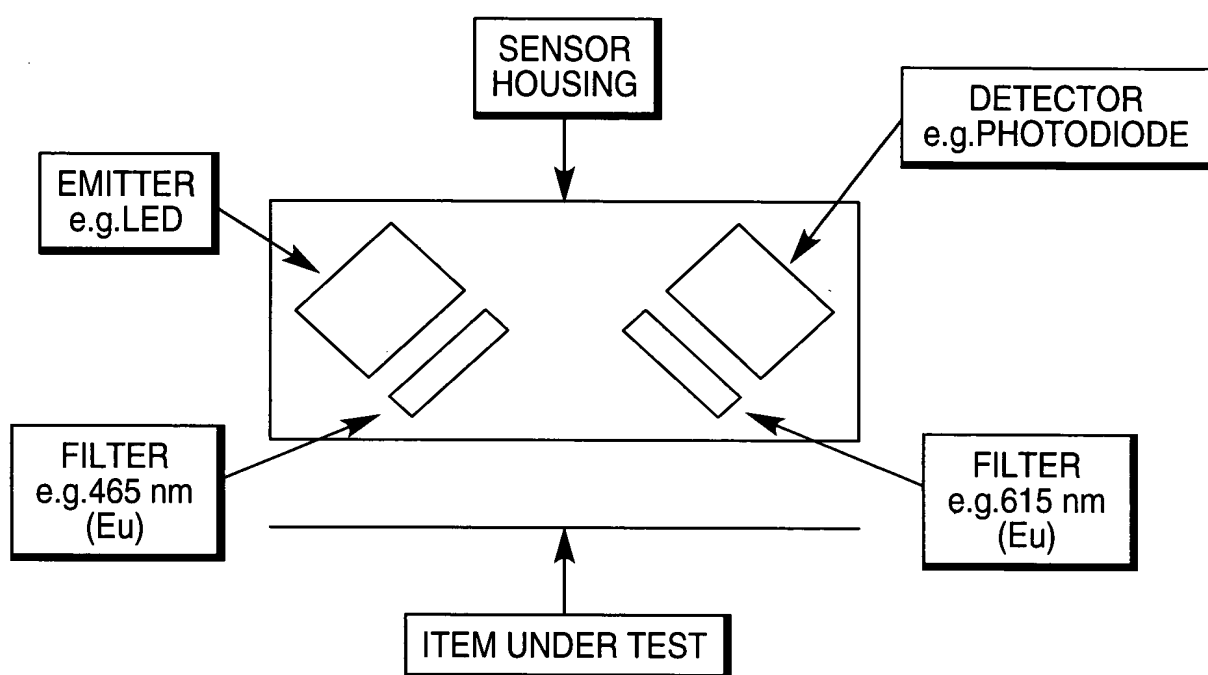


FIG. 2 : EUROPIUM IN BOROSILICATE BASED GLASS

EXCITATION WAVELENGTH (nm)	EMISSION WAVELENGTH (nm)	FLUORESCENT INTENSITY
395	535	14.433
395	590.5	82.873
395	615	285.211
395	654	13.332
415	590.5	11.469
415	615	30.916
465	615	175.781
465	590.5	38.013
535	615	28.495

FIG. 3 : EUROPIUM IN AQUEOUS SOLUTION

EXCITATION WAVELENGTH (nm)	EMISSION WAVELENGTH (nm)	FLUORESCENT INTENSITY
395	526	1.746
395	536	2.495
395	556.5	8.633
395	592.5	85.608
395	618.5	30.277
415	-	-
465	594	2.288
465	616.5	0.793
465	700.5	3.915
535	592	1.126